

PV-STICK- VPE10**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Faster is better. This also applies to the cabling of solar systems. Our handy connectors stay firmly in your grip even in frosty temperatures and can be installed very quickly and easily without a crimping tool. You don't need crimp contacts and crimping tools and you avoid assembly errors. This saves up to 50% installation time – without affecting quality. The new photovoltaic connectors are TÜV-approved and comply with IEC 62852.

Our "SNAP IN" technology enables safe connections with minimal effort – insert, turn: current!

- 1.500 V DC (DE) / 1,500 V DC (EN)
- SNAP IN technology
- Standard-compliant quality in accordance with IEC 62852
- Ergonomic, prize-winning design
- Fastest PV connector currently available
- Reliable latching

General ordering data

| | |
|------------|----------------------------------|
| Version | Photovoltaics, Plug-in connector |
| Order No. | 1303490000 |
| Type | PV-STICK- VPE10 |
| GTIN (EAN) | 4050118102529 |
| Qty. | 10 items |

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Technical data

Approvals

Approvals



ROHS

Conform

Dimensions and weights

Net weight

16.71 g

Temperatures

Continuous operating temp., min.

-40 °C

Continuous operating temp., max.

85 °C

Environmental Product Compliance

RoHS Compliance Status

Compliant without exemption

REACH SVHC

No SVHC above 0.1 wt%

Product Carbon Footprint

Cradle to gate

0.125 kg CO₂eq.

Technical data

Outer cable diameter, max.

7.6 mm

Cable type

IEC 62930:2017

Outer cable diameter, min.

5.4 mm

Approvals

TÜV Rheinland (IEC 62852)

Conductor cross-section, max.

6 mm²

Conductor cross-section, min.

4 mm²

Protection degree

IP65, IP68 (1 m / 60 min),
IP2x open

Pollution severity

3 (2 within the sealed area)

Rated voltage

1500 V DC (IEC)

Rated current

30 A

Guarantee

Time interval

2 years

Classifications

ETIM 6.0

EC002928

ETIM 7.0

EC002928

ETIM 8.0

EC002928

ETIM 9.0

EC002928

ETIM 10.0

EC002928

ECLASS 9.0

22-57-92-03

ECLASS 9.1

27-44-01-07

ECLASS 10.0

27-44-01-07

ECLASS 11.0

22-57-02-92

ECLASS 12.0

22-57-02-92

ECLASS 13.0

22-57-02-92

ECLASS 14.0

22-57-02-92

ECLASS 15.0

22-57-02-92

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Accessories
Multi-Tool PV Set


With the multi-tool, Weidmüller is offering a multifunctional tool for processing PV solar connectors.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | MULTITOOL PV SET | Version |
| Order No. | 2771530000 | Photovoltaics, Accessories, Operating tool, Release tool |
| GTIN (EAN) | 4064675031758 | |
| Qty. | 1 ST | |

Accessories


The dust protection cap "Dustcap VSSO" protects the Weidmüller and type 4 solar connectors against dust and dirt.

The "SafetyClip" protects the Weidmüller solar connectors against unintentional opening and can only be released using the special multi-tool.

General ordering data

| | | |
|------------|----------------------------|----------------------------|
| Type | VSSO WM4 C | Version |
| Order No. | 1254870000 | Photovoltaics, Flat design |
| GTIN (EAN) | 4050118047479 | |
| Qty. | 100 ST | |

Tools


- For flexible and solid conductors with special insulating materials
- High-quality stripping for industrial applications (complies with aircraft industry requirements)
- Specially shaped blades enable stripping of special types of insulation and conductor configurations
- Stripping length adjustable via end stop
- Very versatile thanks to interchangeable stripping units
- Stripping results reproduced accurately over and over again
- No damage to the conductor
- A long-lasting, reliable tool thanks to its sturdy design
- Integrated cutting function

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| | | |
|------------|----------------------------|----------------------------------|
| Type | MULTI-STRIPAX PV | Version |
| Order No. | 1190490000 | Photovoltaics, Plug-in connector |
| GTIN (EAN) | 4032248973262 | |
| Qty. | 1 ST | |

Cutting tools

Cutting tools for conductors up to 8 mm, 12 mm, 14 mm and 22 mm outside diameter. The special blade geometry allows pinch-free cutting of copper and aluminium conductors with minimum physical effort. The cutting tools (KT 8 to KT 22) also come with VDE and GS-tested protective insulation up to 1,000 V in accordance with EN/IEC 60900.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | KT 8 | Version |
| Order No. | 9002650000 | Cutting tools, Cutting tool for one-hand operation |
| GTIN (EAN) | 4008190020163 | |
| Qty. | 1 ST | |